



AMENDMENT UNDER 37 C.F.R. § 1.111
Application No.: 10/566,706
Attorney Docket No.: Q91507

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph in the Amended Specification beginning at page 3, line 13 with the following amended paragraph:

The fire-fighting robot of the present invention ~~according to Claim 1~~ is self-propelled and remote-controlled via wireless or mobile communications to fight a fire. The fire-fighting robot includes a barrel portion, and one or more fire extinguisher storage portions disposed in the barrel portion for storing a fire extinguisher which provides a jet of a fire-fighting agent from a jet outlet by depressing a lever, a jet control portion disposed in the fire extinguisher storage portion for depressing the lever, and a head portion disposed to be capable of swiveling laterally and tilting vertically on top of the barrel portion, a jet outlet securing portion disposed at the head portion for detachably securing the jet outlet of the fire extinguisher, and a remote control camera disposed in the head portion to orient in the same direction as the direction of the jet of the fire-fighting agent from the jet outlet.

Please replace the paragraph in the Amended Specification beginning at page 6, line 2 with the following amended paragraph:

The fire-fighting robot of the present invention ~~according to Claim 2~~ has can have the following structure ~~in the robot according to Claim 1~~. That is, the fire-fighting robot includes a right-side fire extinguisher storage portion disposed on the right side of the barrel portion and a left-side fire extinguisher storage portion disposed on the left side of the barrel portion, wherein the jet control portion is disposed in each of the right-side fire extinguisher storage portion and the left-side fire extinguisher storage portion.



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Please replace the paragraph in the Amended Specification beginning at page 6, line 11 with the following amended paragraph:

This arrangement provides the following features in addition to those ~~obtained by the invention according to Claim 1~~ discussed above.

Please replace the paragraph in the Amended Specification beginning at page 7, line 1 with the following amended paragraph:

The fire-fighting robot of the present invention ~~according to Claim 3~~ has can have the following structure ~~in the robot according to Claim 1 or 2~~. That is, the jet control portion includes a lever depressing portion for depressing the lever in the direction of the lever being gripped, a depressing portion support member for slidably supporting the lever depressing portion, a movable portion coupled to the lever depressing portion via a coupling shaft and having a female screw hole with a female screw formed therein, a threaded shaft to be screwed into the female screw hole of the movable portion, and a drive motor for rotating the threaded shaft.

Please replace the paragraph in the Amended Specification beginning at page 7, line 12 with the following amended paragraph:

This arrangement provides the following feature in addition to those ~~obtained by the invention according to Claim 1 or 2~~ discussed above.

Please replace the paragraph in the Amended Specification beginning at page 8, line 6 with the following amended paragraph:

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The fire-fighting robot of the present invention according to Claim 4 has can have the following structure in the robot according to any one of Claims 1 to 3. That is, the robot includes a camera motor for vertically swiveling the remote control camera independently with respect to the head portion.

Please replace the paragraph in the Amended Specification beginning at page 8, line 11 with the following amended paragraph:

This arrangement provides the following feature in addition to those obtained by the invention according to any one of Claims 1 to 3 discussed above.

Please replace the paragraph in the Amended Specification beginning at page 8, line 18 with the following amended paragraph:

The fire-fighting robot of the present invention according to Claim 5 has can have the following structure in the robot according to any one of Claims 1 to 4. That is, the fire extinguisher storage portion includes a fire extinguisher securing board for fixedly supporting an upper portion of the fire extinguisher.

Please replace the paragraph in the Amended Specification beginning at page 8, line 23 with the following amended paragraph:

This arrangement provides the following features in addition to those obtained by the invention according to any one of Claims 1 to 4 discussed above.

Please replace the paragraph in the Amended Specification beginning at page 23, line 3 with the following amended paragraph:

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According to an embodiment of the invention ~~set forth in Claim 1~~, a robot can be provided which realizes the following effects.

Please replace the paragraph in the Amended Specification beginning at page 25, line 1 with the following amended paragraph:

According to an embodiment of the invention ~~set forth in Claim 2~~, a robot can be provided which realizes the following effects in addition to those ~~obtained by the invention according to Claim 1~~ discussed above.

Please replace the paragraph in the Amended Specification beginning at page 25, line 14 with the following amended paragraph:

According to an embodiment of the invention ~~set forth in Claim 3~~, the robot can be provided which realizes the following effect in addition to those ~~obtained by the invention according to Claim 1 or 2~~ discussed above.

Please replace the paragraph in the Amended Specification beginning at page 26, line 8 with the following amended paragraph:

According to an embodiment of the invention ~~set forth in Claim 4~~, the robot can be provided which realizes the following effect in addition to those ~~obtained by the invention according to any one of Claims 1 to 3~~ discussed above.

Please replace the paragraph in the Amended Specification beginning at page 26, line 16 with the following amended paragraph:

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According to an embodiment of the invention~~set forth in Claim 5~~, the robot can be provided which realizes the following effect in addition to those ~~obtained by the invention~~ according to ~~any one of Claims 1 to 4~~discussed above.